

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	781	175/207,220.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/08/15 11:37
L4	16	L3 diverter	US-PGPUB; USPAT; USOCR	AND	OFF	2007/08/15 11:52
L5	630	rotating diverter head	US-PGPUB	AND	OFF	2007/08/15 12:01
L6	4	rotating ADJ diverter ADJ head	US-PGPUB	AND	OFF	2007/08/15 12:00
L7	4	(bowl housing (second ADJ rotational)).clm.	US-PGPUB	AND	OFF	2007/08/15 12:01
L8	20	(rotating diverter head).clm.	US-PGPUB	AND	OFF	2007/08/15 12:03
L9	1	(diverter (locking ADJ cap)).clm.	US-PGPUB	AND	OFF	2007/08/15 12:03
L10	0	(diverter (lock ADJ cap)).clm.	US-PGPUB	AND	OFF	2007/08/15 12:03
S1	1	("20050236158").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/14 19:44
S2	1720	166/379,85.4;175/57,85.4,195.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/03 14:09
S4	1	166/379,85.4;175/57,85.4,195.ccls. (rotating diverter head).ti.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/03 13:27
S5	6	166/379,85.4;175/57,85.4,195.ccls. (diverter).ti.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/03 13:36
S6	1	"martin-marshall".in.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/03 13:36
S8	127	166/379,85.4;175/57,85.4,195.ccls. (diverter OR drill OR drilling) ADJ head	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/03 15:02
S9	3	US-5305839-\$.DID. OR US-5662181-\$.DID. OR US-4312404-\$.DID.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/03 14:41
S10	1977	"175".clas. (diverter OR drill OR drilling) ADJ head	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/03 15:02
S11	2	"175".clas. (rotating diverter head).ti.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/03 15:02
S12	484	175/195.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/04 10:17

## EAST Search History

S13	2	("2927774").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/04 10:28
S14	15	(US-20050236158-\$ or US-20030056992-\$).did. or (US-6725951-\$ or US-6520253-\$ or US-6354385-\$ or US-5662181-\$ or US-5213158-\$ or US-4531591-\$ or US-4486025-\$ or US-4383577-\$ or US-3965987-\$ or US-5305839-\$ or US-6244359-\$ or US-5279365-\$ or US-2927774-\$).did.	US-PGPUB; USPAT	AND	OFF	2007/01/04 10:45
S15	0	S14 (threads OR threaded) near flange	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/04 10:45
S16	0	S14 (threads OR threaded OR rotatable OR screw) near flange	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/04 10:46
S17	4	175/195.ccls. (threads OR threaded OR rotatable OR screw) near flange	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/04 10:50
S18	13	175/195.ccls. flange (side adj outlet) (rotating or rotatable)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/08/07 09:59
S19	1	"175".clas. ((thread OR threads OR threaded OR screwed OR screw) near flange) (diverter OR bop)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/04 11:15
S20	28	"175".clas. ((thread OR threads OR threaded OR screwed OR screw) near flange) (diverter OR bop OR (drilling head))	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/04 11:16
S21	5	"175".clas. ((thread OR threads OR threaded OR screwed OR screw) near flange) (diverter OR bop OR (drilling ADJ head))	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/04 11:19
S23	72	"175".clas. ((thread OR threads OR threaded OR screwed OR screw)) (diverter OR bop OR (drilling ADJ head)).ti.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/04 11:45
S24	22	"175".clas. ((thread OR threads OR threaded OR screwed OR screw)) (diverter OR bop OR (drilling ADJ head)).ti. (bop OR (blowout preventer))	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/04 12:20

## EAST Search History

S25	18	(US-20050236158-\$ or US-20030056992-\$ or US-20020121367-\$).did. or (US-6725951-\$ or US-6520253-\$ or US-6354385-\$ or US-5662181-\$ or US-5213158-\$ or US-4531591-\$ or US-4486025-\$ or US-4383577-\$ or US-3965987-\$ or US-5305839-\$ or US-6244359-\$ or US-5279365-\$ or US-2927774-\$ or US-6230824-\$ or US-4098361-\$).did.	US-PGPUB; USPAT	AND	OFF	2007/01/04 15:08
S26	8	S25 (lock OR locking)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/04 15:08
S27	1	("6244359").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/07 09:59